| Index of | of Claims |  |
|----------|-----------|--|
|          |           |  |

| Applicati n No.     | Applicant(s) |    |
|---------------------|--------------|----|
| 09/857,733          | DAMMERT ET A | L. |
| Examiner            | Art Unit     | -  |
| William H. Mayo III | 2831         |    |

| <b>√</b> | Rej cted |  |
|----------|----------|--|
| II       | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| Ā | Appeal   |
|---|----------|
| 0 | Objected |

|            |   |          | L. | _        |          |     |    |    | J        |          | L        |          |          |         |
|------------|---|----------|----|----------|----------|-----|----|----|----------|----------|----------|----------|----------|---------|
|            | la las  | т-       |    |          | _        | _   | _  | _  | -        | _        |          | _        | _        | _       |
| _ <u>C</u> | laim  | +-       | _  |          | _        | _   | Di | at | <u>e</u> |          |          |          |          | ╝       |
| Final      | Original  | 5/12/04  |    |          |          |     |    |    | ľ        |          |          | -        |          |         |
| $\vdash$   |   |          | ┝  | +        | _        | L   | +  |    | ┡        | +        | +        | 4        |          | 4       |
|            | 1   | ×        | -  | +        | _        | _   | +  | _  | -        | ╀        | ╀        | $\dashv$ | _        | 4       |
|            | <del>  4</del>  | ~        | ⊢  | ╀        | _        | _   | +  | _  | ⊢        | +        | 4        | 4        | _        | 4       |
| ├-         | 1 3   | +        | ┞  | +        | - 2      |     | ŀ  |    | -        | -        | +        | 4        |          | 4       |
| -          | 14  | ╌        | -  | +        | -        | ٠,  | ╀  |    | -        | ╀        | 4        | _        |          | 4       |
|            | 1 5   | X        | ┝  | +        | _        | _   | ╀  |    | ⊢        | -        | +        | 4        |          | 4       |
| -          | 1 9   | -        | ⊢  | ╀        | 4        |     | +  | _  | _        | 9        | +        | 4        |          | 4       |
| -          | - /   | -        | ⊢  | ╀        | 4        |     | ╀  | _  |          | +-       | ╀        | 4        | _        | 1       |
| H          | 1 0   | -        | ┝  | ╫        | 4        |     | -  | _  | -        | ╁        | +        | 4        | _        | 4       |
| -          | 10  | ╫        |    | ╀        | ┥        |     | ╀  | -  | -        | H        | +        | 4        | _        | 4       |
| <u> </u>   | 11  |          | ┝  | +        | ┨        | _   | ╁  | _  |          | +        | +        | ┥        | _        | ł       |
| <u> </u>   | 12  |          | ⊢  | +-       | ┥        |     | ╀  | _  | _        | ╁        | ╁        | 4        |          | ┨       |
| -          | 13  |          |    | +        | +        | -   | ┿  | _  | -        | ╁        | +        | +        |          | 1       |
|            | 14  |          | -  | ╁        | ┪        | 100 | t  |    | -        | ╁        | +        | +        | -        | 1       |
|            | 15  | t        | Н  | +        | 1        | _   | ╁  | -  | -        | ╁╴       | +        | -        |          | 1       |
|            | 16  |          | Н  | †        | 1        | _   | t  | -  |          | ÷        | +        | +        | _        | ł       |
|            | 1. 2<br>3 3<br>4 5<br>6 7<br>8 9<br>10 11<br>12 13<br>14 15<br>16 17<br>18 19 20<br>21 22 23<br>24 25<br>26 27<br>28 29<br>30 31<br>31 32 |          |    | +        | †        |     | t  | ┪  | -        | ╁        | ╁        | +        | _        | 1       |
| - 10       | 18  |          |    | †        | 7        |     | t  | 7  |          | 1-       | t        | †        | - 1      | 1       |
|            | 19  | ं        |    | 1        | 1        |     | T  | 1  |          | -        | t        | †        |          | 1.      |
|            | 20  |          |    | 1        | 1        |     | T  | ٦  |          | $\vdash$ | Ť        | †        |          | 1       |
|            | 21  |          |    |          | 1        |     | T  | T  |          |          | 9        | 1        |          | 1       |
|            | 22  |          |    |          | T        |     | T  | ٦  |          |          | Τ        | 1        | -        | 1       |
|            | 23  |          |    |          | I        |     |    |    |          |          | 1        | T        |          | 1       |
|            | 24  |          |    |          |          |     |    |    | _        |          |          |          |          | ١.      |
|            | 25  |          |    | Ŀ        | 1        |     | L  | ┙  |          |          | L        | I        |          | ]       |
|            | 26  | Ш        |    | ┖        | 1        |     |    | 4  | _        | <u> </u> | L        | 1        |          |         |
|            | 27  |          |    | <u> </u> | 1        |     | L  | 4  |          | <u> </u> |          | 1        |          |         |
|            | 28  | $\sqcup$ |    | -        | 1        |     | L  | 4  | _        |          | _        | 4        |          | ľ       |
|            | 29  |          | _  | 1        | 1        |     | Ļ  | 4  | _        | L        |          | 1        |          | ŀ       |
|            | 30  |          |    |          | +        |     | ╀  | 4  | _        |          | <u> </u> | 4        | _        |         |
|            | 32  | +        | _  | ┼        | +        | •   | -  | 4  |          | -        | ŀ        | +        |          |         |
|            | 32  | w        |    | ├-       | +        | -   | ┝  | 4  |          | _        | H        | +        | _        |         |
|            | 33<br>34  | H        |    | ╁╌       | +        |     | -  | +  |          | -        | ┢        | +        | -        |         |
|            | 35  |          | _  | ┝        | t        | -   | H  | +  | -        | ├─       | ┝        | ╁        | _        |         |
| _          | 36  | $\vdash$ | _  | ┢╌       | t        |     | -  | +  | - 0      | -        | ┢        | t        | -        |         |
| -          | 36<br>37  |          | _  | $\vdash$ | t        |     | H  | t  |          | -        | -        | +        | -        |         |
|            | 38  |          | _  | ┢        | t        |     |    | †  | _        | <u> </u> | -        | t        | -        |         |
|            | 39  |          |    | Ι-       | t        |     | -  | †  |          | _        | Г        | t        | $\dashv$ | ' .<br> |
|            | 40  |          |    | Г        | T        | - 0 | 3  | Ť  | -        |          |          | Ť        | ╗        |         |
|            | 41  |          |    |          | Ι        |     |    | Τ  |          |          |          | T        | -        |         |
|            | 42  |          |    |          |          |     |    | Ι  |          |          |          |          |          |         |
|            | 43  | _        |    |          | L        |     |    | I  |          |          |          | L        |          | κ.      |
|            | -44-  |          |    |          | -        | _   |    | 1  |          |          |          | L        |          | ^       |
|            | 45  | _        |    | L        | Ļ        | _   | _  | 1  |          |          | L        | L        | _        |         |
|            | 46  | +        | _  | <u> </u> | H        | _   | _  | +  | 4        | _        |          | Ļ        | 4        | -       |
|            | 47<br>48  |          | _  | <u> </u> | $\vdash$ | -   |    | +  | 4        | _        | _        | Ł        | 4        |         |
| -          | 49  | +        |    | -        | ┞        | 4   |    | ╀  |          | _        |          | +        | $\dashv$ |         |
| $\dashv$   | 50  | +        | -  | -        | H        | -   | _  | +  | $\dashv$ | -        | _        | ╀        | $\dashv$ |         |
|            |   | - 1      |    |          | 1        | - 1 |    |    | - 1      | -        |          |          | - 1      |         |

|     | С        | laim                       | T          |         | Date |          |    |    |    |          |  |              |   |     |    |
|-----|----------|----------------------------|------------|---------|------|----------|----|----|----|----------|--|--------------|---|-----|----|
|     | Final    | Original                   |            |         |      |          |    |    |    |          |  |              |   |     |    |
|     |          | 51                         |            | 1       |      | T        | 1  | t  |    | <u> </u> | +  | T            |   |     | _  |
|     |          | 52<br>53                   |            | T       |      | T        | 1  | T  |    |          | T  | T            |   |     | _  |
|     |          | 53                         |            | Т       |      | Т        | Τ  | T  |    | Γ        | T  | T            |   |     | _  |
|     |          | 54                         |            |         |      |          |    |    | _  |          |  |              |   |     |    |
|     | <u> </u> | 55                         |            |         |      |          |    | Ι  |    |          | L  | $\mathbf{I}$ |   | _   |    |
|     |          | 56                         |            | $\perp$ |      | <u> </u> | L  |    |    |          |  |              |   |     |    |
| -   |          | 57                         |            | 1       | _    | Ľ.       | L  | ŀ  | ٠  | _        | Ļ  | 1            |   |     |    |
|     |          | 58                         | ╀          | +       |      | ╀        | ╀  | 4  |    | L        | ╀  | _            |   |     | _  |
|     |          | 59                         | +          | +       |      |          | ╀- | +  | _  | _        | ↓.   | +            |   |     | _  |
| 1   |          | 60<br>61                   | ╁          | +       | _    | ┢        | H  | ╁  |    |          | ╀  | +            | 4 | _   | _  |
|     |          | 62                         | +-         | ╀       | _    | -        | ╁  | +  | _  | ┝        | ╀┈   | +            | 4 |     | -  |
|     |          | 63                         | ╁          | +       | ,    | ┢        |    | ╁  |    | _        | ╀  | ╀            | 4 | _   | _  |
|     | _        | 64                         | ╁          | ╁       | -    | -        | ┝  | ╁  | -  | -        | ╀  | +            | ┥ | -   | +  |
|     | -        | 65                         | ╁╴         | +       |      | ┢        | ┢  | +  |    | -        | ┢  | +            | ٦ | _   | 1  |
|     |          | 66                         | 十          | +       |      | -        | H  | †  | _  | _        | H  | t            | 1 | _   | -  |
|     |          | 67                         | +          |         | _    | t        |    | t  |    |          | ╈  | t            | 7 | -   | -  |
| 1   |          | 68                         | $\top$     | 1       |      |          | Ī  | T  | _  |          |  | 1            | 1 | -   | 1  |
| ĺ   |          | 69                         | T          | Τ       |      | Г        |    | T  |    |          | 1  | -            | 1 |     | 1  |
| : [ |          | 70                         |            |         |      |          |    |    |    |          |  |              | 1 | 2   | 1  |
|     |          | 71                         |            | $\perp$ |      |          |    |    |    |          |  |              |   |     | 1  |
| 1   |          | 72                         | 1          | _       |      |          |    |    |    |          |  |              |   |     | ]  |
| 1   |          | 73                         | 4_         | Ŀ       |      |          | L  | L  | _  | _        | L  |              | 1 |     |    |
| 1   |          | 71<br>72<br>73<br>74<br>75 | +-         | ╀       | _    | _        | _  | ╀  | _  |          | L  | L            | 4 |     | 1  |
| 1   | _        | 1/5                        | ┼          | +       |      | _        | L  | ╀  | _  | _        | L  | _            | 1 |     | 4  |
| -   |          | 76<br>77                   | -          | -       |      | -        | _  | ╀  | 4  |          | ┝  | +            | 4 |     | 4  |
| ŀ   | -        | 78                         | +-         | -       | -    | _        | ┝  | ╁╴ | 4  |          | ┝  | ╁            | + |     | 1  |
| ŀ   | -        | 79                         | +          | ╁       | -    | _        | _  | t  | 1  |          | -  | ╁            | + |     | ┨  |
| t   |          | 80                         | †          | ╁╴      | 1    |          | -  | H  | 1  | _        | -  | ╁            | † | -   | 1  |
| ŀ   |          | 81                         |            | 1       | 7    | -        |    | t  | 7  |          | ┢┈   | ╁            | t | _   | ł  |
| Ī   | _        | 82                         |            | 1       |      | -        |    | Τ  | 7  |          |  | Г            | † |     | 1  |
|     |          | 83                         |            |         |      |          |    |    | 7  |          |  | Γ            | † |     | ١  |
| L   |          | 84                         |            |         |      |          |    |    |    | , .      | :  |              | I |     | 1  |
| ŀ   |          | 85                         | _          | L       | 1    |          |    | L  | _  |          |  |              | I |     | J  |
| ŀ   |          | 86                         | ــــ       | Ŀ       | 4    |          |    | Ļ  | 4  |          | L.   | L            | 1 |     |    |
| ŀ   |          | 87                         | <b>!</b> — | ┡       | 1    | * :      |    | L  | 4  |          |  | <u> </u>     | 1 |     | l  |
| ŀ   | · · ·    | 88<br>89                   | -          | ⊢       | 4    |          | _  | L  | -  |          |  | -            | 1 |     | ł  |
| ŀ   |          | 90                         | ┝          | -       | +    |          | _  | ⊢  | +  |          |  | ⊢            | + |     | l  |
| H   |          | 91                         | ├          | -       | +    |          | -  | ┝  | +  |          | <u>.                                    </u> | ⊢            | ł | _   | l  |
| ŀ   |          | 92                         | ┝          | ╁       | †    | $\neg$   |    | ┝  | +  |          | _  | -            | ł | -   | l  |
| t   |          | 93                         | -          |         | †    |          |    | H  | +  | -        | -  | -            | t | _   | ĺ. |
| F   |          | 94                         | -          | -       | †    | - ,      | -  | Н  | 1  | $\dashv$ |  | <del>-</del> | t |     | ŀ  |
| r   |          | 95                         |            |         | †    |          | _  | Γ  | t  | $\neg$   |  |              | t |     | l  |
|     |          | 96                         |            |         | j    |          |    |    | †  |          |  |              | T |     |    |
| Ĺ   |          | 97                         |            | 7       | Ī    |          |    |    | J  |          |  |              | Ī |     |    |
| L   |          | 98                         |            | Ĺ       | I    |          |    |    | I  |          | _  |              | Γ |     |    |
| L   |          | 99                         | L.         |         | ļ    | _[       |    |    | Ţ  | $\Box$   |  |              | Ĺ |     |    |
| 1   |          | 100                        | 1          | ı       | 1    | - 1      |    |    | -1 | - 1      |  | 1            | 1 | - 1 |    |

| CI       | aim  |          |              |          | _      |          | Da       | te       | ,        |          | _         |          | ٦        |
|----------|--|----------|--------------|----------|--------|----------|----------|----------|----------|----------|-----------|----------|----------|
| Final    | Original   |          |              |          |        |          |          |          |          |          |           |          |          |
|          | 1  | _        | _            | 1        | _      | L        | ╀        | 4        | _        | L        | 1         | ↓        | 4        |
|          | 101  | _        | 1            | ╀        | _      | L        | +        | 4        | _        | L        | ╀.        | 1        | 4        |
| -        | 102  |          | ╀            | ╀        | -      | _        | ╀        | +        |          | ┝        | ╀         | -        | 4        |
|          | 103<br>104   | _        | ⊬            | ╀        | -      | H        | ╀        | +        |          | ├        |           | 1_       | 4        |
|          | 105  |          | ╫╌           | ╀        | _      | <u> </u> | ╁        | +        | _        | ⊢        | 1         | +        | ┨        |
| -        | 106  |          | ╁╴           | ╁        |        | ┝        | ╁        | ╁        | ÷        | ┝        | ╁         | ╁        | $\dashv$ |
| _        | 107  |          | ÷            | ╁        | -      | ┝        | +        | +        |          | -        |           | +-       | ┨        |
|          | 108  | -        |              | ╁        | _      |          | 1        | +        | -        |          | H         | +        | ┨        |
|          | 108<br>109   | _        | 1            | †        |        |          | t        | t        | -        | H        | ┢         | +        | 1        |
|          | 110  | _        | 1            | T        |        | Н        | t        | Ť        | _        | H        | 1         | ١.       | ┪        |
|          | 111<br>112   |          |              | T        |        |          |          |          |          |          | †         |          | ┪        |
|          | 112  | Т        |              | T        |        |          |          | T        |          | 1        |           |          | 1        |
|          | 113  | ,        |              | Т        |        | ,        | Γ        | T        |          |          |           |          | ٦        |
|          | 114<br>115   |          |              |          |        |          | Γ        | T        |          |          |           |          |          |
|          | 115  |          |              | L        |        |          |          | Ι        |          |          |           |          | ]        |
| L        | 116  |          | $oxed{oxed}$ | L        |        |          | L        | Ι        |          |          |           |          |          |
| -        | 117  |          | <u> </u>     | L        |        | ٠        | <u> </u> | ļ        |          |          |           |          | ŀ        |
| لنط      | 118  |          | <u>L</u>     | L        | ·      |          | ļ.,      | 1        |          |          | _         | L        | 1        |
|          | 119<br>120<br>121                                    |          |              |          | 4      | _        |          | L        |          |          | ٠,        |          | 1        |
| $\vdash$ | 120  |          |              | 1        | 4      |          | ļ_       | 1        | -        | _        |           | Ŀ        | 4        |
|          | 121  |          |              | L        | 4      |          | ┡        | 1        | -        |          | ļ.,       | Ŀ        | 1        |
|          | 122  | _        | -            | 1        | 4      | !        | -        | ╀        | _        |          | <u> -</u> |          | 4        |
| $\vdash$ | 123  |          | ŀ            | H        | 4      | _        | H        | ╀        | -        | -        | -         | ŀ        | 4        |
|          | 125  |          | -            | ┝        | 4      |          | ⊢        | ╀        | $\dashv$ |          | 1         | ├-       | ł        |
|          | 126  | _        | $\vdash$     | $\vdash$ | ┧      | -        |          | ╁        | +        | _        | ₩         | ┢        | ┨        |
|          | 127  |          | -            | ⊢        | +      |          | H        | ╁        | -        | -        | -         |          | ┨        |
|          | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |          | -            | H        | 7      | -        | -        | t        | ┪        | -        |           | H        | ┨        |
|          | 129  |          |              |          | 1      | _        |          | t        | 1        | -        | <u> </u>  |          | 1        |
|          | 130<br>131   | T        |              | T        | 1      | _        | $\vdash$ | t        | 1        |          | ┢         |          | ١.       |
|          | 131  |          |              | Г        | Ť      |          |          | t        |          |          |           | <u> </u> | 1        |
|          | 132  | ,        |              | Г        | 1      |          |          | Ī        | 7        |          |           |          | 1        |
|          | 133<br>134   |          |              |          | T      |          |          | Γ        | ٦        |          |           |          | 1        |
|          | 134  |          |              |          |        |          |          | Γ        |          | •        |           |          | 1        |
|          | 135  | _        |              |          | 1      |          |          | L        |          |          |           |          | ]        |
|          | 136  | _        |              |          | 1      |          |          | L        | _        |          |           | L        |          |
|          | 137  | _        |              |          | 1      |          | _        | L        | 4        |          |           |          | l        |
| 9 1      | 138  | 4        |              |          | 4      |          |          | ļ.       | 4        | ,        | _         |          |          |
|          | 139  |          | _            |          | 4      | _        |          | L        | 4        |          |           |          | l        |
|          | 140  | -        |              | <u>_</u> | +      | _        |          | L        | 4        | _        |           |          | ļ        |
|          | 141  | -        |              | _        | +      | $\dashv$ |          | H        | ╁        | _        |           |          | l        |
| -+       | 143  | +        | $\dashv$     |          | +      | $\dashv$ | _        | $\vdash$ | +        | -        | $\vdash$  |          |          |
|          | 144  | $\dashv$ | $\dashv$     |          | $^{+}$ | -        | ÷        |          | +        | -        | - 1       | . 100    | ŀ        |
| -+       | 145  | $\dashv$ | -            | _        | +      | - 0      | _        | H        | +        | -        |           | _        | Ī        |
|          | 146  | +        | $\dashv$     | _        | +      | $\dashv$ | _        |          | +        | -        |           |          |          |
|          | 147  | 1        | $\dashv$     | _        | t      | 7        |          | Н        | +        | $\dashv$ | $\dashv$  | -        |          |
|          | 148  | 7        | -            | -        | t      | 7        |          | Т        | +        | $\dashv$ |           |          |          |
|          | 149  | ヿ        |              | _        | Ť      | ٦ţ       |          | -        | †        | ┪        |           | $\dashv$ |          |
| 2        | 150  |          |              |          | Ī      | _        |          |          | Ť        | $\dashv$ | 寸         | _        |          |